



Section E

Advanced Reactors Transition

PROJECT MANAGERS

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SUMMARY

The Advanced Reactors Transition (ART) Program, WBS 1.12.1, PBS RL-TP11, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Cost/Schedule data contained herein is as of July 31, 2001. All other information is as of August 23, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that one milestone was completed on schedule.

NOTABLE ACCOMPLISHMENTS

309 Facility Fuel Transfer Pit – The RL milestone to Stabilize the PRTR Fuel Transfer Pit was successfully completed.

NE Legacies Deactivation – The HNF-8539, 335 and 337B Administrative Manuals were updated. The second phase of electrical, instrumentation, and insulation removal on the 337B sodium loop was initiated.

SAFETY

Safety data for ART is included in other project reports.

ISMS STATUS

Work continued on improving the work process through enhanced training and planning efforts to improve work packages. These activities are part of the ISMS Sustain and Maintain Process.

CONDUCT OF OPERATIONS

Conduct of operations data for ART is included in a separate FFTF report.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Shutdown the 309 Building – To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan, 1) the 309 Building containment exhaust system will be shutdown; 2) the stack will be capped; 3) the office wing roofs will be repaired, and 4) the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

MILESTONE ACHIEVEMENT

M I L E S T O N E T Y P E	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RL	0	1	0	0	0	0	0	1
Total Project	0	1	0	0	0	0	0	1

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Green

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS TP11 Advanced Reactors Transition	WBS 1.12	\$ 1,491	\$ 1,365	\$ 986	\$ (126)	-8%	\$ 379	28%	\$ 1,905	\$ 1,890
Total		\$ 1,491	\$ 1,365	\$ 986	\$ (126)	-8%	\$ 379	28%	\$ 1,905	\$ 1,890

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM). ACWP reflects only cost in WBS 1.12. \$1.7M of cost in WBS 2.1.1.1.4.1 is not included as it is not ART cost.

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.1 million (8 percent) unfavorable schedule variance was due to additional planning time and fieldwork complications in the cleanout of the PRTR Fuel Transfer Pit.

The \$0.4 million (28 percent) favorable cost variance was due to lower than anticipated corrective maintenance costs in NE Legacies and the 309 Facility.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.1M)

Advanced Reactors Transition — 1.12.1/TP11

Description and Cause: Additional planning time and fieldwork complications caused delays in the cleanout of the Fuel Transfer Pit.

Impact: There is no direct adverse impact on the completion of planned work at the 309 Facility by the end of the fiscal year.

Corrective Action: The fuel transfer pit cleanout was completed on August 20, 2001.

Cost Variance Analysis: (\$0.4M)

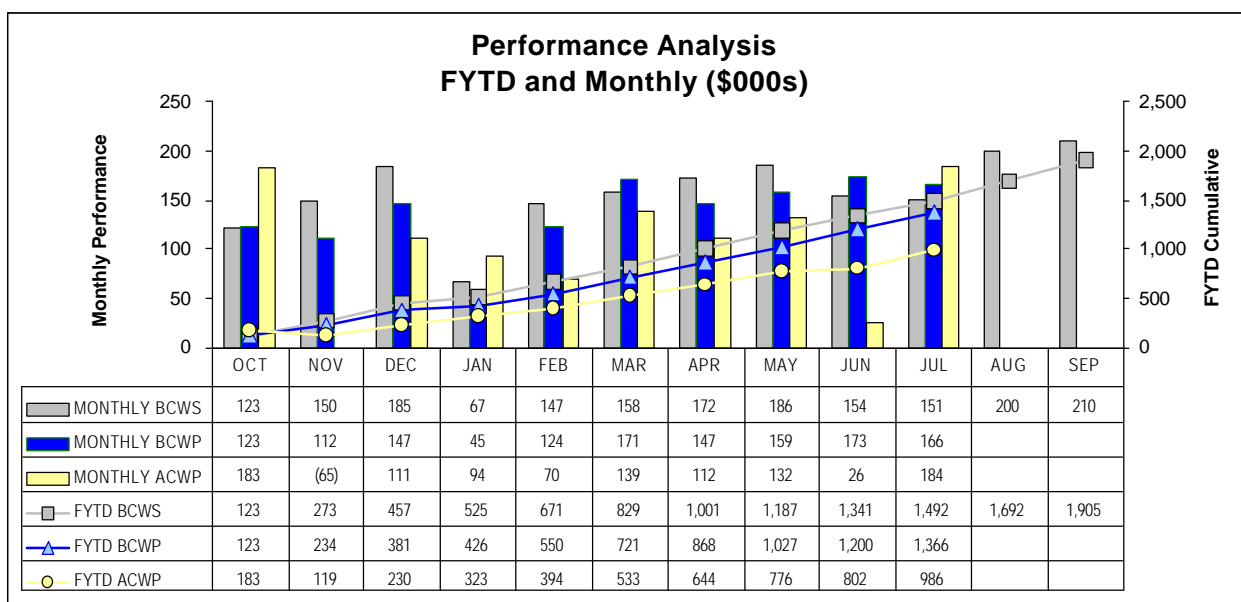
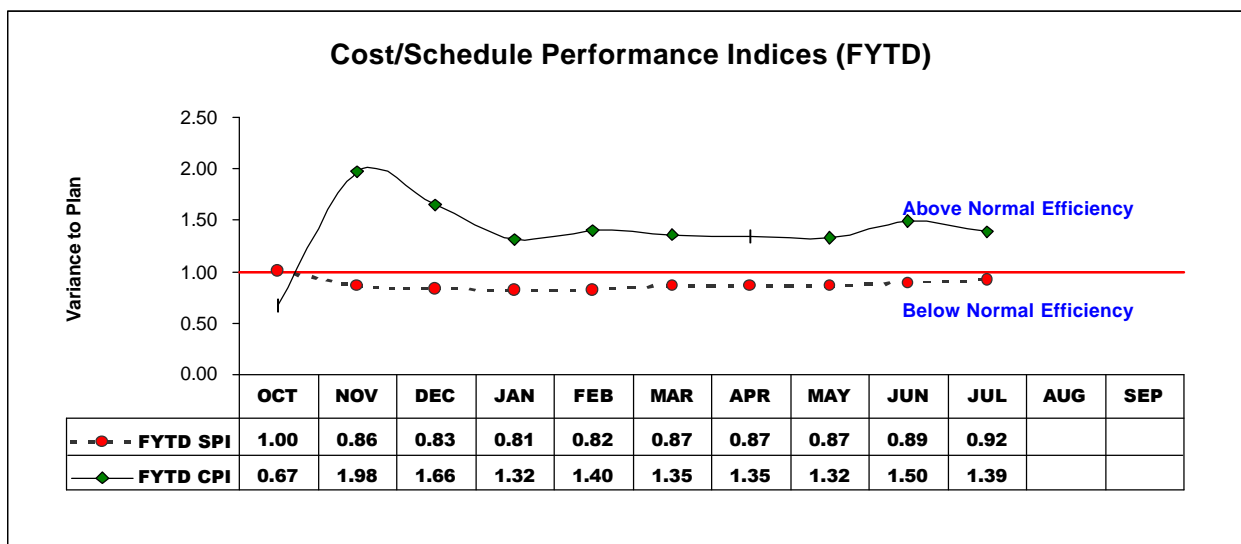
Advanced Reactors Transition — 1.12.1/TP11

DESCRIPTION AND CAUSE: Corrective maintenance is level-loaded though the year. Requirements for corrective maintenance have been minimal to date.

Impact: There is no project impact at this time.

Corrective Action: None required; continuing to monitor.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FUNDS VS SPENDING FORECAST (\$000)

	Funds	FYSF	Variance
1.12 Advanced Reactor TP11	\$ 3,483	\$ 3,180	\$ 303
Total	\$ 3,483	\$ 3,180	\$ 303

Funds and FYSF include \$1.7M, which is in WBS 2.1.1.1.4.1

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY01 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
ART-2001-002	12/15/2000	MYWP Phase 2 - FY 2002 and Out Years	-0-	X	X				Cancelled
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report at this time.							

KEY INTEGRATION ACTIVITIES

Nothing to report at this time.